

Cometary Cell C2092

Images

Aerogel Cell: [C2092-01.jpg](#)
[C2092_T1_20x.jpg](#)

Cell History: Cell C2092 was removed from the cometary grid in April 2006.

Track Information: The tile has several small- to medium-sized tracks. These features were keystoned resulting in to Track 80 & 82.

Feature Images

Allocation History

Results

Log Entries

Note: All track / features (e.g., T1) numbers assigned during the Level 3 scanning are to be considered “**Temporary**” and in do not relate to the “Official” track number that is assigned when a given features is extracted (e.g., Keystoned) from a tile. Abbreviations: EH – Entrance Hole, TP – Terminal Particle, MTW – Maximum Track / Bulb Width, TL – Track Length.

Removed **C092** from cabinet and opened canister to mount on Level 3 device. The tile was **highly fractured / broken** when the can was opened and small piece began sticking to my gloved hands and anything else in the area. I spent 15 to 20 minutes picking up the fragments from the pan and off of my gloves and such placing the fragments back in the can or an additional C092 Fragment can that I started. I am not sure when or how this tile got this fractured. I do not believe it was a result of my opening the can as I have not seen this happen to date, but that does not mean it did not happen at this time. Half of the tile is still in tack as one piece, while the other half exists as numerous, various sized fragments.

04-24-06 – THSee

R. Bastien modified the Keystone holder to adapt to the Level 3 fixture so that it could be used to scan the remains of C092 that broke last month during can opening. Thus, the quality of the side-view images will be diminished since we are pass the image or light through the Lexan materials that this device is made of. The exposure time on the Aardvark software had to be adjusted to 300 MS to accommodate the reduced light conditions for this sample.

A second set of side views was generated with the light moved to a non standard position to help illuminate the sample.

C092-T1 – Large track with large, bulbous top portion and three fine terminal particles emanating out of the bottom of the larger area. Stylus measure on the order of ~ 4800 & 4475 μm in length. The three terminal particles are on the order of 15, 8, 7 μm in size. Eh of ~ 410 with MTW of ~ 1700 μm .

Acquired 7x and 20x top views.

Placed tile back in container and storage cabinet.